

## CBM CONTROLLER PANEL ASSEMBLY REMOVAL

I

### OBJECTIVE:

This procedure improves access within the Node 1 Forward vestibule volume by removing all of the CBM Controller Assemblies mounted on the corresponding ACBM ring.

### LOCATION:

Installed: Node 1 Active CBM Docking Ring

### DURATION:

1 hour

### PARTS:

CBM Controller Assembly Storage Container: Part No. TBD

CBM Controller Assembly (P/N 683-13621-3) (Same as Allied Signal P/N 2355260-1)

### MATERIALS:

None

### TOOLS REQUIRED:

Equipment Bag

Kit E:

Ratchet 3/8" Drive

Kit C:

7/16" Socket, 3/8" Drive

Kit D:

5/32" Hex Head, 3/8" Drive

IVA Tool Box, Lid # 1:

Static Wrist Tether

### REFERENCED PROCEDURES:

None

### SAFE

#### **WARNING**

Failure to remove power can result in electrical shock hazard.

1. Verify Primary, Secondary RPCs supplying applicable CBM are Op.

PCS

S&M

N1 Fwd CBM Display

'Controller Panel Assy Power/Data Status'

√RPCM N13B C RPC [X] Cntr Assy [Y] [X] = 

3	4	5	6
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[Y] = 

1	2	3	4
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√RPC Position - Op  
√RPC Close Cmd - Inh

√RPCM N14B A RPC [X] Cntr Assy [Y] [X] = 

2	3	14	15
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[Y] = 

1	2	3	4
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√RPC Position - Op  
√RPC Close Cmd - Inh

<b>CAUTION</b>
Equipment contains parts sensitive to damage by Electrostatic Discharge (ESD).

2. Don Static Wrist Tether.  
Secure clip end to unpainted metal surface.

**REMOVE**

See Figure 1.

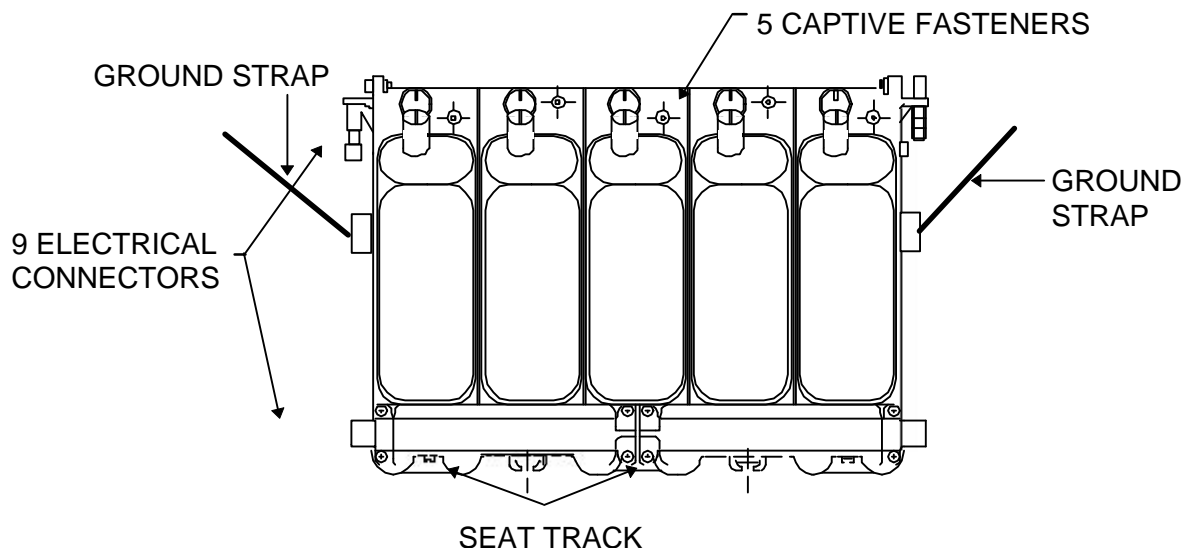


Figure 1.- CBM Controller Panel Assembly.

3. Label power/data cables with corresponding J receptacle numbers.
4. Demate power/data cable connectors (nine) from each Controller Panel Assembly (1,2,3,4).  
Tm pry restrain.
5. Place protective caps on all electrical connectors and receptacles.

6. Disconnect ground straps (two) from each Controller Panel Assembly (Ratchet 3/8" Drive, 5/32" Hex Head).
7. Loosen fasteners (five) on each Controller Assembly and detach from bulkhead. Label each controller with its location (overhead, deck, port, starboard) and position (1,2,3,4). Stow Controller Assembly in protective container (Ratchet 3/8" Drive, 7/16" Socket).

#### POST MAINTENANCE

8. Stow Controller Panel Assemblies (procedure TBD).
9. Stow tools, equipment.